

REMARKS

Applicant requests reconsideration and further examination of this application.

Applicant has amended the term “LX 2020” on page 23 to read “XL 2020” to be consistent with the terminology on page 7, third full paragraph. No new matter has been added to correct this typographical error.

Applicant has amended equation (1)’ on page 25 to correct typographical errors that left out math signs. No new matter has been added, as it is clear from the original specification what the math signs should be, based on the similar equation (6) on page 15 of the original specification:

$$E = (C_{in} - C_{ss}) / C_{in} \quad (6)$$

Based on equation (6), it is clear that the same math signs would apply to equation (1)’ on page 25, resulting in:

$$E_3 = \frac{C_{in} - C_{ss3}}{C_{in}}$$

and, according to standard mathematical rules:

$$\frac{C_{in} - C_{ss3}}{C_{in}} = 1 - \frac{C_{ss3}}{C_{in}}$$

Therefore, there is no new matter in amending equation (1)’ to read:

$$E_3 = \frac{C_{in} - C_{ss3}}{C_{in}} = 1 - \frac{C_{ss3}}{C_{in}} \quad \dots (1)'$$

Applicant has amended equation (3)' on page 25 to correct typographical errors that left out math signs. No new matter has been added, as it is clear from the original specification what the math signs should be, based on the similar equation (7) on page 15 of the original specification:

$$E_{ad} = E_{uv} + E_{us} (1 - E_{uv}) \quad (7)$$

which may also be written as:

$$E_{ad} = E_{uv} + E_{us} - E_{us} E_{uv}$$

which may also be written as:

$$E_{ad} = E_{us} + (1 - E_{us}) E_{uv} \quad (3)'$$

Therefore, there has been no new matter added by amending equation (3)' to read as shown above, correcting the unintentional omission of an equal, a plus, and a minus sign.

Applicant now believes the application is in condition for allowance and respectfully requests the same.

Respectfully submitted,

Barbara S. Pedersen

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Ken J. Pedersen, Registration No. 29,689

Barbara S. Pedersen, Registration No. 36,237

P.O. Box 2666

Boise, ID 83701-2666

Telephone: 208-343-6355

Facsimile: 208-343-6341